```
$%^STN; HighlightOn= ***; HighlightOff=***;
Connecting via Winsock to STN
Welcome to STN International! Enter x:x
LOGINID: SSSPTA1647SXW
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
                      Welcome to STN International
 NEWS
                  Web Page URLs for STN Seminar Schedule - N. America
 NEWS
                  "Ask CAS" for self-help around the clock
 NEWS
      3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
                  (ROSPATENT) added to list of core patent offices covered
 NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status
                  data from INPADOC
 NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
 NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
 NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
 NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
 NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
 NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
 NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
 NEWS 12 MAR 22 PATDPASPC - New patent database available
 NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
 NEWS 14 APR 04 EPFULL enhanced with additional patent information and new
                  fields
 NEWS
       15 APR 04 EMBASE - Database reloaded and enhanced
 NEWS
      16 APR 18 New CAS Information Use Policies available online
 NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
 NEWS HOURS
               STN Operating Hours Plus Help Desk Availability
 NEWS INTER
               General Internet Information
 NEWS LOGIN
               Welcome Banner and News Items
 NEWS PHONE
               Direct Dial and Telecommunication Network Access to STN
 NEWS WWW
               CAS World Wide Web Site (general information)
Enter NEWS followed by the item number or name to see news on that
specific topic.
  All use of STN is subject to the provisions of the STN Customer
  agreement. Please note that this agreement limits use to scientific
  research. Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.
      * * * * * * * * * * * * * * STN Columbus
FILE 'HOME' ENTERED AT 13:39:37 ON 19 APR 2005
=> FILE .RECEPTOR
COST IN U.S. DOLLARS
                                                 SINCE FILE
                                                                 TOTAL
                                                     ENTRY
                                                               SESSION
FULL ESTIMATED COST
                                                       0.42
                                                                  0.42
FILE 'MEDLINE' ENTERED AT 13:40:45 ON 19 APR 2005
FILE 'LIFESCI' ENTERED AT 13:40:45 ON 19 APR 2005
COPYRIGHT (C) 2005 Cambridge Scientific Abstracts (CSA)
```

FILE 'BIOSIS' ENTERED AT 13:40:45 ON 19 APR 2005

```
Copyright (c) 2005 The Thomson Corporation
=> S CVGSNKGAIC
             0 CVGSNKGAIC
=> S CATDIKGAEC
             0 CATDIKGAEC
=> S CKGAIC
             0 CKGAIC
=> S NGF AND FRAGMENT AND HAIR
             0 NGF AND FRAGMENT AND HAIR
=> S NGF AND HAIR
           114 NGF AND HAIR
=> DUP REM L5
PROCESSING COMPLETED FOR L5
             65 DUP REM L5 (49 DUPLICATES REMOVED)
=> S L6 AND KERATINOCYTES
           10 L6 AND KERATINOCYTES
=> D 1
1.7
    ANSWER 1 OF 10
                        MEDLINE on STN
    2001021052
                   MEDLINE
AN
    PubMed ID: 11023977
DN
TI
     A role for p75 neurotrophin receptor in the control of apoptosis-driven
       ***hair*** follicle regression.
     Botchkarev V A; Botchkareva N V; Albers K M; Chen L H; Welker P; Paus R
ΑU
     *Department of Dermatology, Charite, Humboldt University, Berlin, Germany.
CS
SO
     FASEB journal : official publication of the Federation of American
     Societies for Experimental Biology, (2000 Oct) 14 (13) 1931-42.
     Journal code: 8804484. ISSN: 0892-6638.
CY
    United States
     Journal; Article; (JOURNAL ARTICLE)
DT
LΑ
     English
FS
     Priority Journals
EΜ
     200011
ED
    Entered STN: 20010322
     Last Updated on STN: 20010322
     Entered Medline: 20001108
=> D 2
    ANSWER 2 OF 10
                        MEDLINE on STN
AN
     2000262829
                    MEDLINE
DN
     PubMed ID: 10805079
     Coordinate expression of ***NGF***
TI
                                            and alpha-smooth muscle actin mRNA
     and protein in cutaneous wound tissue of developing and adult rats.
     Hasan W; Zhang R; Liu M; Warn J D; Smith P G
ΑU
     Department of Molecular and Integrative Physiology, University of Kansas
CS
     Medical Center, Kansas City 66160-7401, USA.
NC
     HD02528 (NICHD)
    NS23502 (NINDS)
SO
     Cell and tissue research, (2000 Apr) 300 (1) 97-109.
    Journal code: 0417625. ISSN: 0302-766X.
CY
    GERMANY: Germany, Federal Republic of
DT
    Journal; Article; (JOURNAL ARTICLE)
LΑ
    English
    Priority Journals
FS
EΜ
    200007
ED
    Entered STN: 20000728
    Last Updated on STN: 20000728
    Entered Medline: 20000717
```

```
ANSWER 3 OF 10
                        MEDLINE on STN
L7
AN
     97078918
                  MEDLINE
DN
     PubMed ID: 8919043
ΤI
     Differential epithelial outgrowth of plucked and microdissected human
                   follicles in explant culture.
AII
     Department of Dermatology, Mannheim Medical School, University of
CS
     Heidelberg, Germany.
     Archives of dermatological research, (1996 Sep) 288 (10) 604-10.
SO
     Journal code: 8000462. ISSN: 0340-3696.
CY
     GERMANY: Germany, Federal Republic of
     Journal; Article; (JOURNAL ARTICLE)
DT
LΑ
     English
FS
     Priority Journals
EΜ
     199701
     Entered STN: 19970128
ED
     Last Updated on STN: 19970128
     Entered Medline: 19970102
=> D 4
L7
     ANSWER 4 OF 10
                        MEDLINE on STN
AN
     94342535
                 MEDLINE
DN
     PubMed ID: 8063962
     Localization of nerve growth factor ( ***NGF*** ) and low-affinity
TΙ
                  receptors in touch domes and quantification of
              ***keratinocytes*** of adult rats.
ΑU
     English K B; Harper S; Stayner N; Wang Z M; Davies A M
CS
     Department of Physiology, University of Utah School of Medicine, Salt Lake
     City 84108.
NC
     07938
SO
     Journal of comparative neurology, (1994 Jun 15) 344 (3) 470-80.
     Journal code: 0406041. ISSN: 0021-9967.
CY
     United States
DT
     Journal; Article; (JOURNAL ARTICLE)
ĿΑ
     English
FS
     Priority Journals
ΕM
     199409
ED
     Entered STN: 19941005
     Last Updated on STN: 19941005
     Entered Medline: 19940922
=> D 5
L7
     ANSWER 5 OF 10
                        MEDLINE on STN
AN
     94169053
                 MEDLINE
DN:
     PubMed ID: 8123570
     Nerve growth factor modulates keratinocyte proliferation in murine skin
TI
     organ culture.
     Paus R; Luftl M; Czarnetzki B M
ΑIJ
CS
     Department of Dermatology, University Hospital Rudolf Virchow, Freie
     Universitat Berlin, Germany.
     British journal of dermatology, (1994 Feb) 130 (2) 174-80.
SO
     Journal code: 0004041. ISSN: 0007-0963.
CY
     ENGLAND: United Kingdom
DT
     Journal; Article; (JOURNAL ARTICLE)
LΑ
     English
FS
     Priority Journals
EΜ
     199404
     Entered STN: 19940420
     Last Updated on STN: 19940420
     Entered Medline: 19940414
```

ANSWER 6 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

=> D 6

2004:188196 BIOSIS

L7 AN

```
DN
    PREV200400184750
     Growth factor secretion by dermal papilla cells is regulated by
TT
     Tobin, D. J. [Reprint Author]; Botchkarev, V. A.; Welker, P.; Botchkareva,
ΑU
     N. V.; Paus, R.
CS
     Dept. of Biomedical Sciences, University of Bradford, Bradford, UK
SO
     Journal of Investigative Dermatology Symposium Proceedings, (June 2003)
     Vol. 8, No. 1, pp. 128. print.
     Meeting Info.: Third Intercontinental Meeting of Hair Research Societies.
     Tokyo, Japan. June 13-15, 2001.
     ISSN: 1087-0024 (ISSN print).
DT
     Conference; (Meeting)
     Conference; Abstract; (Meeting Abstract)
LΑ
     English
ED
     Entered STN: 7 Apr 2004
     Last Updated on STN: 7 Apr 2004
=> D7
     ANSWER 7 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
L7
AN
     2003:303988 BIOSIS
DN
     PREV200300303988
TΙ
     POSITIVE AND NEGATIVE EFFECTS OF GDNF - OVERPRODUCTION ON SEVERAL TYPES OF
     Abeta, Adelta AND C - FIBER INNERVATION IN MOUSE WHISKER PADS.
AU
     Keeney, K. [Reprint Author]; Zwick, M.; Albers, K. M.; Davis, B. M.; Rice,
     F. L. [Reprint Author]
     Cntr Neuropharm Neurosci, Albany Med Col, Albany, NY, USA
CS
SO
     Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
     Vol. 2002, pp. Abstract No. 428.11. http://sfn.scholarone.com. cd-rom.
     Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.
     Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.
DT
    Conference; (Meeting)
     Conference; (Meeting Poster)
     Conference; Abstract; (Meeting Abstract)
LΑ
     English
ED
     Entered STN: 2 Jul 2003
     Last Updated on STN: 2 Jul 2003
=> D 8
L7
     ANSWER 8 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
ΑN
     2001:178281 BIOSIS
DN
     PREV200100178281
TI
     Methods of inducing
                           ***hair***
                                       growth and coloration.
ΑU
     Gilchrest, Barbara A. [Inventor, Reprint author]; Yaar, Mina [Inventor];
     Eller, Mark [Inventor]
CS
     Brookline, MA, USA
     ASSIGNEE: Trustees of Boston University
ΡI
     US 6103689 August 15, 2000
SO
     Official Gazette of the United States Patent and Trademark Office Patents,
     (Aug. 15, 2000) Vol. 1237, No. 3. e-file.
     CODEN: OGUPE7. ISSN: 0098-1133.
DT
     Patent
LΑ
     English
     Entered STN: 11 Apr 2001
ED
     Last Updated on STN: 18 Feb 2002
=> D 9
L7
     ANSWER 9 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
AN
     1992:360255 BIOSIS
     PREV199243038405; BR43:38405
DN
TI
     TNF AND ***NGF***
                           MODULATE THE GROWTH OF MURINE EPIDERMAL AND
       ***HAIR***
                          ***KERATINOCYTES***
                   BULB
                                                 IN SKIN ORGAN CULTURE.
ΑIJ
     PAUS R [Reprint author]; LUFTL M; OPITZ M; PLIET R; CZARNETZKI B M
     DERMATOLOGY DEP, UNIV HOSP R VIRCHOW, FREIE UNIVERSITAT BERLIN, D-1 BERLIN
CS
SO
     Journal of Investigative Dermatology, (1992) Vol. 98, No. 4, pp. 615.
```

Meeting Info.: 1992 ANNUAL MEETING OF THE SOCIETY FOR INVESTIGATIVE DERMATOLOGY, BALTIMORE, MARYLAND, USA, APRIL 29-MAY 2, 1992. J INVEST DERMATOL.

CODEN: JIDEAE. ISSN: 0022-202X.

DT Conference; (Meeting)

FS BR

LA ENGLISH

ED Entered STN: 30 Jul 1992

Last Updated on STN: 30 Jul 1992

=> D 10

L7 ANSWER 10 OF 10 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 1992:320025 BIOSIS

DN PREV199243020750; BR43:20750

TI TNF AND: ***NGF*** MODULATE THE GROWTH OF MURINE EPIDERMAL AND
HAIR BULB ***KERATINOCYTES*** IN SKIN ORGAN CULTURE.

AU PAUS R [Reprint author]; LUEFTL M; OPITZ M; PLIET R; CZARNETZKI B M

CS DERMATOL DEP, UNIVERSITY HOSP R VIRCHOW, FREIE UNIV BERLIN, D-1 BONN 65

SO Clinical Research, (1992) Vol. 40, No. 2, pp. 473A.

Meeting Info.: MEETING OF THE SOCIETY OF INVESTIGATIVE DERMATOLOGY, BALTIMORE, MARYLAND, USA, APRIL 29-MAY 2, 1992. CLIN RES.

CODEN: CLREAS. ISSN: 0009-9279.

DT Conference; (Meeting)

FS BR

LA ENGLISH

ED Entered STN: 30 Jun 1992

Last Updated on STN: 30 Jun 1992

=> FIL STNGUIDE

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
13.81
14.23

FILE 'STNGUIDE' ENTERED AT 13:44:37 ON 19 APR 2005
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY, JAPAN SCIENCE
AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Apr 15, 2005 (20050415/UP).

=> LOGOFF HOLD

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
0.72 14.95

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 13:51:55 ON 19 APR 2005